

Appln No. 10/728,791
Amdt. Dated January 30, 2006
Response to Office Action of December 21, 2005

2

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A thermoelastic actuator assembly including:
a heat conductor comprising one or more layers of a metallic heat conductive material to prevent overheating of ink in contact with said actuator, the heat conductor positioned to conduct heat generated by a heating element away from said actuator assembly thereby facilitating the return of the actuator to a quiescent state subsequent to operation; wherein the heating element comprises a heating layer, the heating layer bonded to a passive bend layer and wherein the heat conductor is located within the passive bend layer.
2. - 4. (Cancelled)
5. (Currently Amended) A thermoelastic actuator according to claim 3~~1~~, where the one or more layers of metallic heat conductive material comprise a laminate of heat conductive material and passive bend layer substrate.
6. (Original) A thermoelastic actuator according to claim 5, wherein the one or more layers of metallic heat conductive material comprise Aluminium.
7. (Currently Amended) An ink jet printer including a thermoelastic assembly according to Claim 3~~1~~.